

RIC 2003

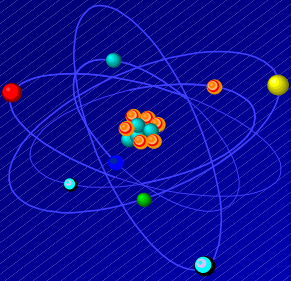
International Experience

Session T-13

North Anna Power Station

OSART International Experience

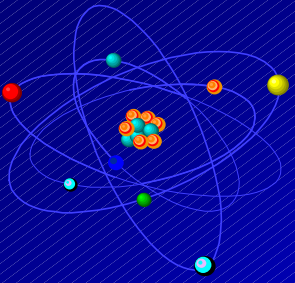
David A. Heacock, Site Vice President
North Anna Power Station - Dominion Generation
April 17, 2003



North Anna Power Station

OSART

International Experience

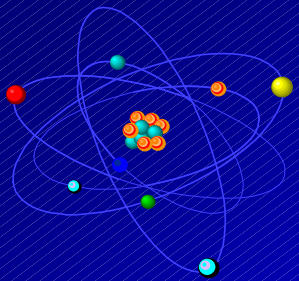


OSART Program



Purpose

- *To assist Member States in enhancing the operational safety of individual plants*
- *To promote the continuous development of operational safety within all Member States by the dissemination of information on good practices*

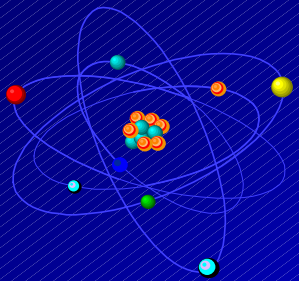


OSART Program



Objectives

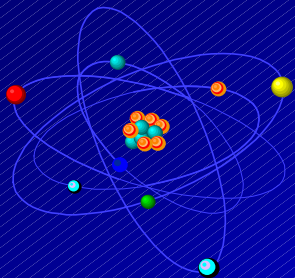
- *Provide an objective assessment of some key operational safety areas with respect to proven international performance and practices*
 - *providing written recommendations where performance or practices should be improved*
 - *providing written suggestions where performance could be enhanced*
 - *identifying good practices*



OSART Program



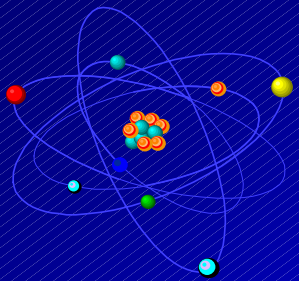
- *Create an exchange of information and experience between team and plant counterparts to:*
 - *provide plant with informal assistance and advice*
 - *broaden team members' experience and knowledge*
 - *train team members in a review methodology that will enhance their management skills*
- *Disseminate information of OSART missions including good practices to all Member States*



OSART Review



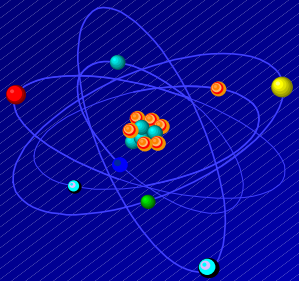
- ***North Anna Inspection Period was 01/10/00 to 02/10/00
11 Reviewers, 1 Host Peer, and 3 Observers***
- ***Follow-up Inspection was 04/08/02 to 04/12/02
4 Reviewers***



OSART Review Areas



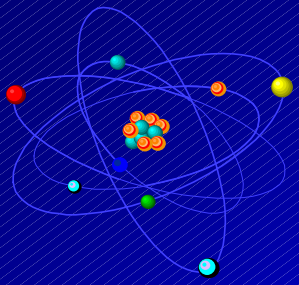
- ***Management Organization & Administration***
(3 Issues, 2 GPs)
- ***Training & Qualification***
(2 Issues, 3 GPs)
- ***Operations***
(6 Issues, 1 GP)
- ***Maintenance***
(3 Issues, 1 GP)



OSART Review Areas



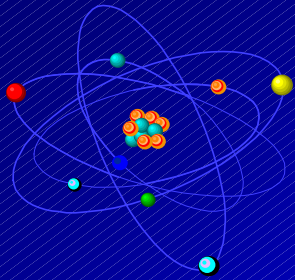
- ***Technical Support***
(4 Issues, 2 GPs)
- ***Radiation Protection***
(3 Issues, 1 GP)
- ***Chemistry***
(1 Issue, 1 GP)
- ***Emergency Planning & Preparedness***
(4 Issues, 1 GP)



OSART Finding Examples



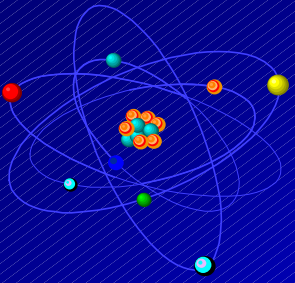
- *Administrative procedure process is voluminous and complex*
- *Indications of a lack of attention to detail in maintenance and industrial safety*
- *Aging and obsolescence factors*
- *Little resource margin to absorb increased demands*



OSART Finding Example



- *Adoption of individual dose limits as specified in ICRP 60*
- *Some shortfalls in the Emergency Planning area related to off-site emergency planning, TSC attributes, and field monitoring team training*

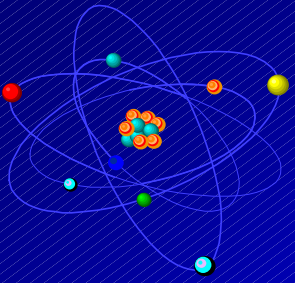


OSART Experience



Pro's

- ***International perspective***
- ***Differs from INPO E&A***
- ***Bye on INPO E&A***
- ***Focus on Operational Safety Culture***



OSART Experience



Con's

- ***Management Intrusive***
14 visitors being escorted by Managers for 3 weeks
- ***Not performance based - cultural based***
- ***International Standards not documented***
- ***Bye from INPO E&A - Increases exposure for next E&A period***